

Application/Control Number: 08/893,371
Art Unit: 1617

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CLAIMS 1-104 (CANCELLED)

CLAIMS 105-111 (ORIGINAL)

Art Unit: 1617

105. Gas microbubbles prepared by the process of admixing a liposome solution comprising hydrogenated soya lecithin and dicetylphosphate with a mixture comprising water and a physiologically acceptable gas.

106. Gas microbubbles prepared by the process of sonicating a solution comprising hydrogenated soya lecithin and dicetylphosphate, cooling the solution, adding a viscosity enhancer to the solution, shaking the solution in the presence of a physiologically acceptable gas at above atmospheric pressure.

107. Gas microbubbles prepared by the process of immersing glass beads in a solution of dipalmitoylphosphatidylcholine in chloroform, rotating the beads under reduced pressure to evaporate the chloroform, rotating the beads under atmospheric pressure with a physiologically acceptable gas, adding distilled water to the solution, and removing the beads from the solution.

108. Gas microbubbles prepared by the process of forming a liposome/maltose solution by adding a liposome solution comprising hydrogenated soya lecithin and dicetylphosphate to a maltose solution in distilled water, freezing the liposome/maltose solution,

forming lyophilized powder by lyophilizing the liposome/maltose solution under reduced pressure, restoring pressure to the lyophilized powder with a physiologically acceptable gas, dissolving the lyophilized powder in water.

109. Gas microbubbles prepared by the process of
forming a mixed solution prepared by mixing a solution of liposome comprising
hydrogenated soya lecithin and dicetylphosphate with an aqueous solution of gelatin, human
albumin, dextran, and iopamidol.

lyophilizing the mixed solution to form a lyophilized sample,
introducing a physiologically acceptable gas into the lyophilized sample,
mixing the lyophilized sample with water.

110. Gas microbubbles prepared by the process of
forming a mixture by moistening lactose with a solution of chloroform,
dimyristoylphosphatidylcholine, cholesterol, dipalmitoylphosphatidic acid,
evaporating the mixture under vacuum to form a powder,
rotating the powder under a physiologically acceptable gas at normal pressure, and
dissolving the powder in water.

111. Gas microbubbles prepared by the process of
sonicating an aqueous solution of hydrogenated soya lecithin and a nonionic
polyoxyethylene-polyoxypropylene copolymer surfactant,

cooling the solution,
centrifuging the solution,
forming a mixture by adding the aqueous solution to a maltose solution in water,
freezing the mixture,
evaporating the mixture under reduced pressure,
restoring pressure to the mixture with a physiologically acceptable gas. --